

## EAST Search History

| Ref # | Hits | Search Query   | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-----------------|------------------|---------|------------------|
| L1    | 316  | (425/810 or 425/193 or 425/194 or 425/469).ccls. and stamper           | US-PGPUB; USPAT | OR               | ON      | 2007/04/12 19:59 |
| L2    | 48   | (360/48).ccls. and stamper   | US-PGPUB; USPAT | OR               | ON      | 2007/04/12 20:00 |
| S1    | 0    | ("(6267864,6246543,6094413, 6020045).pn.").PN.                         | US-PGPUB; USPAT | OR               | OFF     | 2007/04/10 13:53 |
| S2    | 0    | ("6267864,6246543,6094413, 6020045").pn.                               | USPAT           | OR               | OFF     | 2006/09/06 15:02 |
| S3    | 0    | ("6267864, 6246543, 6094413, 6020045").pn.                             | USPAT           | OR               | OFF     | 2006/09/06 15:02 |
| S4    | 0    | ("6267864 or 6246543 or 6094413 or 6020045")                           | USPAT           | OR               | OFF     | 2006/09/06 15:02 |
| S5    | 0    | ("6267864 or 6246543 or 6094413 or 6020045")                           | US-PGPUB; USPAT | OR               | OFF     | 2006/09/06 15:03 |
| S6    | 52   | "6267864" or "6246543" or "6094413" or "6020045"                       | US-PGPUB; USPAT | OR               | OFF     | 2006/09/06 15:04 |
| S7    | 7    | Angelo and stamper and emboss\$  | US-PGPUB; USPAT | OR               | ON      | 2006/09/06 15:05 |
| S8    | 4    | ("6461003", "4105292", "6497925", "20040050480").pn.                   | US-PGPUB; USPAT | OR               | OFF     | 2007/04/09 21:31 |
| S9    | 21   | stamper and ((emboss or embossing) same (rectangular or sinusoidal\$)) | US-PGPUB; USPAT | OR               | ON      | 2007/04/10 14:51 |
| S10   | 889  | stamper and "magnetic recording"                                       | US-PGPUB; USPAT | OR               | ON      | 2007/04/10 15:28 |
| S11   | 475  | S10 and (servo or "landing zone")                                      | US-PGPUB; USPAT | OR               | ON      | 2007/04/10 14:52 |
| S12   | 22   | S11 and "landing zone"   | US-PGPUB; USPAT | OR               | ON      | 2007/04/10 15:15 |
| S13   | 19   | S12 not S9   | US-PGPUB; USPAT | OR               | ON      | 2007/04/10 15:21 |
| S14   | 9    | "6627254"  | US-PGPUB; USPAT | OR               | ON      | 2007/04/10 15:21 |
| S15   | 300  | S10 and emboss\$   | US-PGPUB; USPAT | OR               | ON      | 2007/04/10 15:34 |
| S16   | 128  | S15 and S11  | US-PGPUB; USPAT | OR               | ON      | 2007/04/10 15:29 |
| S17   | 114  | S16 not S12  | US-PGPUB; USPAT | OR               | ON      | 2007/04/10 15:29 |
| S18   | 349  | S10 and (rectangular\$ or sinusoidal\$)                                | US-PGPUB; USPAT | OR               | ON      | 2007/04/10 15:35 |

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|     |     |   |                    |    |    |                  |
|-----|-----|---|--------------------|----|----|------------------|
| S19 | 40  | S17 and (rectangular\$ or sinusoidal\$)   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 15:38 |
| S20 | 244 | "425"/\$.ccls. and stamper.clm.   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/12 18:15 |
| S21 | 4   | S20 and (rectangular\$ or sinusoidal\$).clm.  | US-PGPUB;<br>USPAT | OR | ON | 2007/04/10 20:13 |
| S22 | 35  | S20 and (rectangular\$ or sinusoidal\$)   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/10 21:35 |
| S23 | 1   | "20040050480"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/10 21:35 |
| S24 | 129 | ("425"/\$ 427/130 or 428/8\$ or "264"/\$.ccls. and (stamper same ("Al" or "NiP" or "Mg")) | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 12:03 |
| S25 | 88  | S24 and recording   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 12:04 |
| S26 | 44  | S25 and magnetic  | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 12:20 |
| S27 | 44  | S25 not S26   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 12:50 |
| S28 | 1   | "20020103333"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 12:51 |
| S29 | 1   | "20070000633"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 12:55 |
| S30 | 1   | "20070003899"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 12:57 |
| S31 | 1   | "20040161360"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 12:58 |
| S32 | 1   | "20060162772"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 12:59 |
| S33 | 1   | "20060201547"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 13:00 |
| S34 | 1   | "20060194697"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 13:01 |
| S35 | 1   | "20060273098"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 13:02 |
| S36 | 1   | "20060162829"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 13:33 |
| S37 | 1   | "20050014035"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 13:34 |
| S38 | 1   | "20070037020"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 13:35 |
| S39 | 1   | "20070042231"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 13:35 |

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|     |    |   |                    |    |    |                  |
|-----|----|---|--------------------|----|----|------------------|
| S40 | 1  | "20060228592"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 13:35 |
| S41 | 6  | 428/8\$.ccls. and "magnetic recording" and (("landing zone" or "data zone") same (rectangular\$ or sinusoidal\$)) | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 15:44 |
| S42 | 21 | "magnetic recording" and (("landing zone" or "data zone") same (rectangular\$ or sinusoidal\$))                   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 15:45 |
| S43 | 15 | S42 not S41   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/11 15:45 |
| S44 | 1  | "6627254".pn. and hydrophobic   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/12 16:35 |
| S45 | 1  | "6643082".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/12 16:44 |
| S46 | 1  | "6352656".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/12 17:38 |
| S47 | 1  | "20070037020".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/12 17:38 |
| S48 | 3  | "425"/\$.ccls. and stamper.clm. and "Al-Mg"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/12 18:16 |
| S49 | 0  | "425"/\$.ccls. and (stamper same "Al-Mg")   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/12 18:17 |
| S50 | 11 | (stamper same "Al-Mg")  | US-PGPUB;<br>USPAT | OR | ON | 2007/04/12 18:17 |
| S51 | 51 | (stamper same ("Al"and "Mg"))   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/12 18:45 |
| S52 | 1  | "20070042231"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/12 19:54 |

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 38   | (427/127 or 427/129 or 427/130).ccls. and stamper                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/12 20:00 |
| L2    | 16   | 359/529.ccls. and stamper   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/12 20:00 |
| L3    | 3    | (29/603.03 or 29/603.08).ccls. and stamper  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/12 20:01 |
| L4    | 42   | (428/831.2 or 428/847.5 or 428/847.7 or 428/848.1 or 428/848.5).ccls. and stamper | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/12 20:01 |
| L5    | 2    | 359/742.ccls. and (landing or data) and stamper                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/12 20:01 |
| S1    | 1    | ("6627254").PN.   | USPAT   | OR               | OFF     | 2007/01/30 11:56 |
| S2    | 0    | ("stamper").PN.   | USPAT   | OR               | OFF     | 2006/07/13 16:46 |
| S3    | 0    | stanper   | USPAT   | OR               | OFF     | 2006/07/13 16:46 |
| S4    | 580  | stamper and zone\$  | USPAT   | OR               | OFF     | 2006/07/18 15:32 |
| S5    | 135  | S4 not recording  | USPAT   | OR               | OFF     | 2006/07/13 16:47 |
| S6    | 542  | stamper and emboss\$  | USPAT   | OR               | OFF     | 2006/09/07 10:58 |
| S7    | 290  | S6 and polymer\$  | USPAT   | OR               | OFF     | 2006/07/18 15:33 |
| S8    | 9    | Angelo and stamper and emboss\$   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/07 10:57 |
| S9    | 19   | stamper and emboss\$ and recess\$ and (spaced with apart)                         | USPAT   | OR               | OFF     | 2006/09/07 10:59 |
| S10   | 27   | stamper and emboss\$ and recess\$ and (spaced with apart)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/07 11:12 |

## EAST Search History

|     |    |  |   |    |     |                  |
|-----|----|--|---|----|-----|------------------|
| S11 | 94 | ("5783797" "5945197" "5968608"<br>"6013894" "6221442" "6221442"<br>"5729399" "6117499" "5189575"<br>"5384675" "5448436" "5486957"<br>"5539213" "5543986" "5550696"<br>"5569506" "5586040" "5705287"<br>"5853820" "5955154" "5958545"<br>"5965215" "5978189" "6021032"<br>"6025968" RE36672 "6068728"<br>"6093472" "6096385" "6120922"<br>"6127017" "6144178" "6153284"<br>"6180916" "6204474" "5010430"<br>"5313352" "5508077" "5714207"<br>"5768055" "5837330" "5861196"<br>"5942279" "5948288" "5952058"<br>"5951891" "5956217" "5972816"<br>"6020045" "6086949" ).pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/07 11:42 |
| S12 | 3  | S11 and stamp\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/07 14:13 |
| S13 | 1  | "20060185726"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/07 14:15 |
| S14 | 1  | "20060188757"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/07 14:52 |
| S15 | 1  | "6461003" and stamp\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/07 16:35 |
| S16 | 19 | "magnetic recording" and stamper<br>and embossing and ((landing or<br>data) with zone)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/07 17:44 |
| S17 | 18 | S16 and servo  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/07 19:56 |

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|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S18 | 2   | "4105292" and (landing or data)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/07 20:27 |
| S19 | 100 | 359/742.ccls. and (landing or data)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 20:01 |
| S20 | 576 | (359/618 or 359/619).ccls. and<br>(landing or data)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/07 21:19 |
| S21 | 3   | 97/10248  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/07 21:20 |
| S22 | 374 | 359/529.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 20:00 |
| S23 | 71  | S22 and zone  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/07 21:26 |
| S24 | 35  | "6267864" or "6246543" or<br>"6020045"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/07 21:28 |
| S25 | 25  | "6094413"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/07 21:29 |
| S26 | 21  | (427/127 or 427/129 or 427/130).<br>ccls. and stamp                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/12 20:00 |
| S27 | 26  | (425/347 or 425/349 or 425/354 or<br>425/403 or 425/445 or 425/469).<br>ccls. and stamp | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/07 21:57 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S28 | 4     | (29/603.03 or 29/603.08).ccls. and stamp                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/12 20:01 |
| S29 | 8     | (428/831.2 or 428/847.5 or 428/847.7 or 428/848.5).ccls. and stamp | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/12 20:01 |
| S30 | 0     | "20040050480"  | USPAT   | OR | OFF | 2007/01/25 19:46 |
| S31 | 7478  | "hydrophobic polymer"  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2007/01/25 19:47 |
| S32 | 0     | "electromagnetic noise supressing device"                          | USPAT   | OR | OFF | 2007/01/30 11:57 |
| S33 | 0     | "electromagnetic noise supressing"                                 | USPAT   | OR | OFF | 2007/01/30 11:57 |
| S34 | 0     | "electromagnetic noise suppression"                                | USPAT   | OR | OFF | 2007/01/30 11:57 |
| S35 | 2394  | "electromagnetic noise"  | USPAT   | OR | OFF | 2007/01/30 12:41 |
| S36 | 82    | "electromagnetic noise" and "wiring board"                         | USPAT   | OR | OFF | 2007/01/30 12:47 |
| S37 | 53379 | "communication network" "program control"                          | USPAT   | OR | OFF | 2007/01/30 12:47 |
| S38 | 1179  | "communication network" and "program control"                      | USPAT   | OR | OFF | 2007/01/30 12:47 |
| S39 | 931   | S38 and connection   | USPAT   | OR | OFF | 2007/01/30 12:48 |
| S40 | 1     | S39 and fequency   | USPAT   | OR | OFF | 2007/01/30 12:48 |
| S41 | 501   | S39 and frequency  | USPAT   | OR | OFF | 2007/01/30 12:48 |